DWG NO.		SH	
REVISIONS			
ZONE	REV	DESCRIPTION	DATE	APPROVED

SHEET 1 NOTES:

1. THE CASE SHOWN IN THIS DRAWING IS A WATER AND VAPORPROFF TRANSIT CASE. IT IS IS A NON-HINGED ENCLOSURE. THE CASE MUST WITHSTAND THE RUGGEDNESS REQUIREMENTS OF MIL-STD-810 AND THE DESIGN REQUIREMENTS OF MIL-STD-648C.

2. MOLDED CASE MATERIAL SHALL BE PLASTIC/ COLOR WHITE THROUGHOUT. LATCHING BAND SHALL BE CORROSION RESISTANT METAL.ENTIRE ASSEMBLY SHALL MEET ENVIRONMENTAL AND DESIGN REQUIREMENT SPECIFIED UNDER NOTE 1.

3. MAXIMUM WEIGHT LIMITATIONS: EMPTY 22.00 LB's + WEIGHT OF PAYLOAD 50 LB's = 72 LB'S TOTAL (REQUIREMENTS FOR DESIGN TESTING PER NOTE 1.

4. CASE SHALL MATCH THE INSIDE DIMENSIONS SHOWN ON THIS DRAWING SHEET 1. AS DIMENSIONS EXCEED THE NOMINAL, OUTSIDE FOAM DIMENSION SHOWN ON SHEET 2 MUST INCREASE IN THICKNESS.

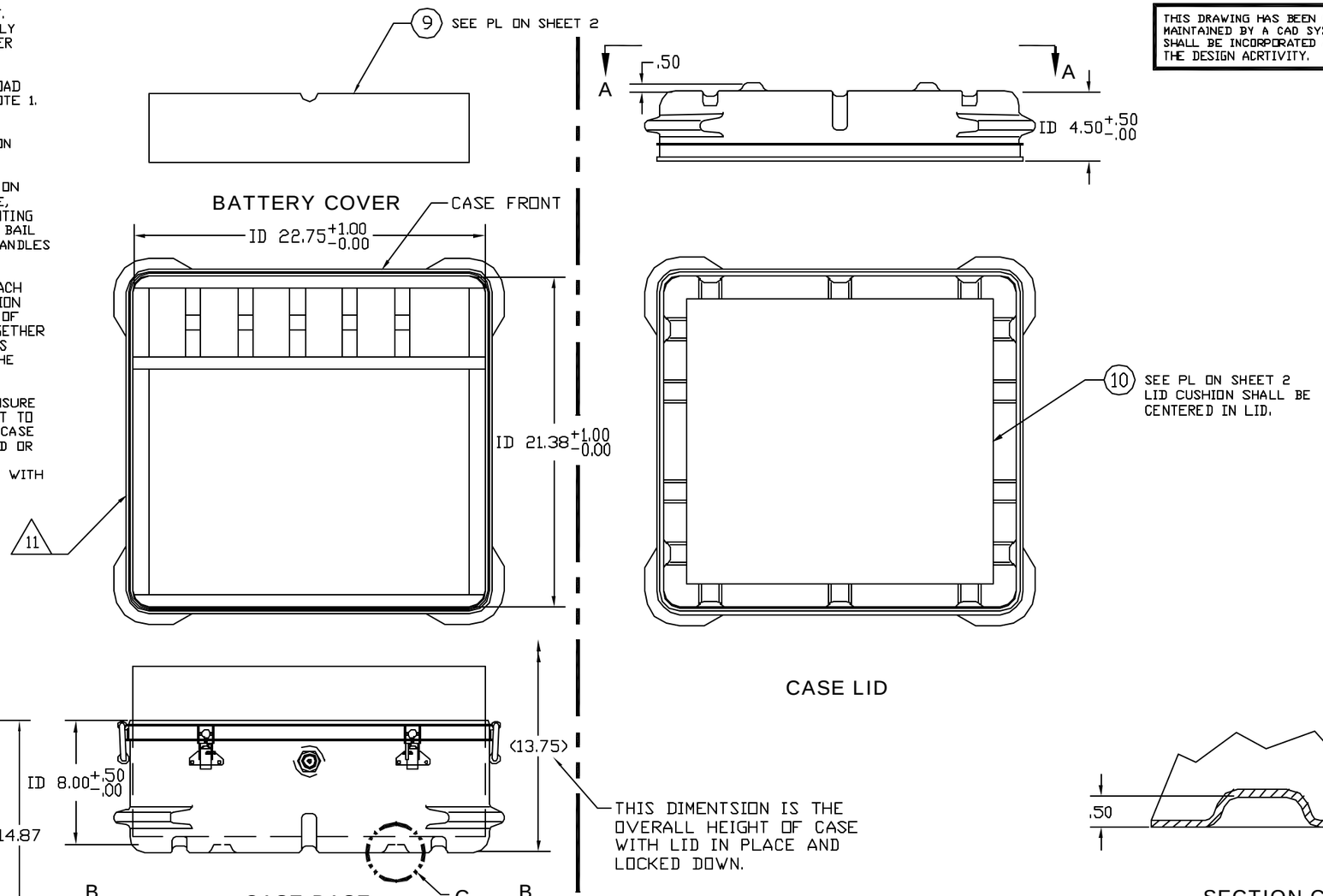
5. THIS TRANSIT CASE SHALL HAVE A MINIMUM OF TWO HANDLES ATTACH ON OPPOSITE SIDES OF THE ENCLOSURE. HANDLES SHALL BE A SWING FREE, CHEST TYPE WITH STOPS TO HOLD THE BAIL AT RIGHT ANGLE TO MOUNTING PLATE WHEN IN CARRYING POSITION AND SPRING LOADED TO FOLD THE BAIL INTO A DOWN POSITION WHEN RELEASED. SIZE AND POSITION OF THE HANDLES TO BE DETERMINED BY GROSS WEIGHT OF PAYLOAD AND CASE.

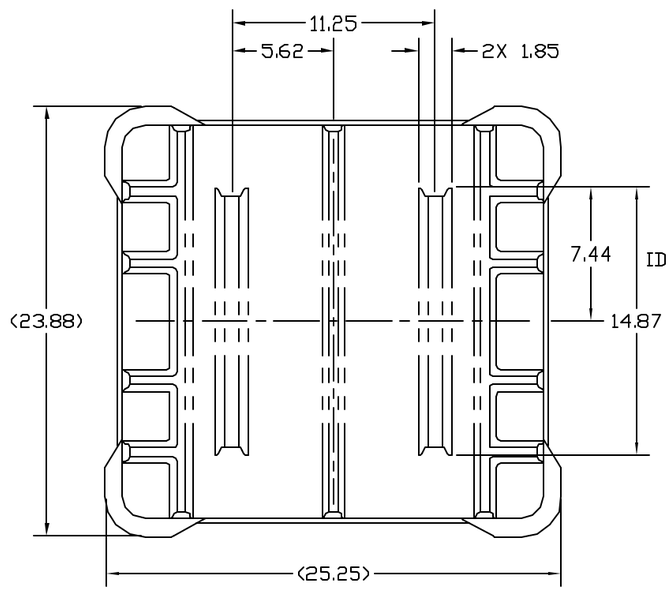
6. A MINIMUM OF TWO QUARTER TURN LATCHES SHALL BE PROVIDED ON EACH SIDE OF THE CASE. LATCHES SHALL BE OVER THE CENTER TYPE, TENSION CLASPS MADE FROM CORROSION RESISTANT MATERIALS. THEY SHALL BE OF SUFFICIENT QUANTITY AND POSITION TO DRAW THE CASE SECTIONS TOGETHER AND SECURELY HOLD THEM IN THE CLOSED POSITION UNDER RUGGEDNESS REQUIREMENTS OF MIL-STD-810. LATCHES SHALL FOLD FLAT AGAINST THE SIDE OF THE CASE. LATCHES SHALL BE INTRIGAL TO THE CASE.

7. THE CASE DESIGN SHALL NOT TRASMIT STRUCTURAL LOADS TO THE CLOSURE GASKET AND SHALL LIMIT THE COMPRESSION OF THE ENCLOSURE GASKET TO 30%. THE CASE COVER SHALL PROVIDE A NATURAL WATER SHED WHEN CASE IS IN A NORMAL UPRIGHT POSITION WITH THE LATCHES EITHER ENGAGED OR NOT, PREVENTING WATER FROM FLOWING INTO THE CASE. THE CLOSURE DESIGN SHALL MECHANICALLY HOLD THE GASKET FIRMLY IN PLACE, BUT WITH MINIMUM SET OR ABRASION.

SHEET 1 NOTES CONTINUED ON SHEET 2.

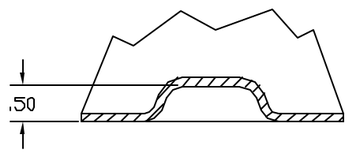
THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL BE INCORPORATED AS DIRECTED BY THE DESIGN ACRTIVITY.





VIEW A-A and B-B

CASE LOOKS THE SAME FROM THIS ANGLE



SECTION C

SCALE: 1/1

REVISION STATUS OF SHEETS			
SH	SH	SH	SH

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

ITEM	QTY	CAGE CODE	DOCUMENT NUMBER	PART NUMBER	NOMENCLATURE/DESCRIPTION
PARTS LIST					

CLASSIFICATION OF CHARACTERISTICS		
DOD-STD-2101(DS)		
CRITICAL		
MAJOR		
MINOR		
	SOFLAM	
NEXT ASSY	USED ON	
APPLICATION		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE
ANGLE ±
2 PLACE DECIMALS ±
3 PLACE DECIMALS ±
REMOVE BURRS
BREAK SHARP EDGES
MAX SURFACE ROUGHNESS 125

DO NOT SCALE THIS DRAWING

INTERPRET DWG IN ACCORDANCE WITH MIL-STD-100

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
CRANE, IN 47522

PREPARED	T. BISHOP	03/11
CHECKED		
ENGR		
PROJ ENGR		
ACCEPTED		DATE
APPROVED		DATE

DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
ARLINGTON, VA 22242

SHIPPING CONTAINER SYSTEM (SCS)

SIZE	CAGE CODE	DWG NO.	REV
D	53711	7538169	–
SCALE 1/4		SHEET 1 OF 2	

DWG NO.			SH
REVISIONS			
ZONE	REV	DESCRIPTION	DATE	APPROVED

SHEET 2 NOTES:

1. MATERIAL SHALL BE POLYETHYLENE FOAM, 2.0 LB PER CUBIC FOOT DENSITY, COLOR BLACK PER PPP-C-1752, CLASS II, GRADE A

2. ITEMS 1 THROUGH 8 SHALL BE ASSEMBLED PER DETAIL USING HEAT BONDING OR WITH EQUIVALENTLY SECURE ADHESIVE METHOD.

3. TOLERANCES FOR THIS SHEET SHALL BE:
   2 PLACE DECIMALS ± .13
   ANGLES ± 5°

4. FILLET RADII SHALL BE .06 ± .06. EXTERNAL RADII SHALL BE HELD TO .06 MAXIMUM.

SHEET 1 NOTES CONTINUED:

8. THE STACKING INTERFACE IS LOCATED AND DIMENSIONED ON SHEET 1 EXTRUDED ON TOP OF THE CASE AND INDENTED ON THE BOTTOM. THE LOCATION AND SIZE OF THESE FEATURES ARE IMPORTANT FOR MATING WITH ITEMS ALREADY IN SERVICE. THE INTERFACE SHALL INSURE A STABLE STACKING CONFIGURATION WITH MINIMUM MOVEMENT IN ANY DIRECTION.

9. A MANUAL VACUUM AND PRESSURE RELIEF VALVE SHALL BE INSTALLED ON THE CASE. THIS VALVE SHALL BE PROVIDED TO EQUALIZE THE PRESSURE INSIDE AND OUTSIDE THE CASE. THE VALVE SHALL BE POSITIONED OR RECESSED ON THE CASE TO PREVENT DAMAGE AND ACCIDENTAL OPENING.

10. STENCIL ON TOP OF CASE PER MIL-STD-130 THE FOLLOWING NOTES IN BLACK 1/4" HIGH LETTERS THE FOLLOWING NOTES:

"DO NOT REMOVE ITEM UNTIL READY FOR USE REUSABLE-DO NOT DESTROY CONTAINER/CUSHIONING THIS CONTAINER MUST BE RETURNED TO SUPPLY AT TIME OF EQUIPMENT EXCHANGE OR WHEN NOT IN USE"

ON TOP AND LEFT SIDE OF LID:

"NSN 8145-01-477-7845
PROPERTY OF U.S. GOVT."

ON SIDE NOTED CASE AND LID:

"FRONT ▲ "

△11. ATTACH CORROSION RESISTENT PHOTOMETAL NOMENNLATURE TAG TO SIDE INDICATED. TAG SHALL MEASURE 4.38H X 4.13W USING 3/16 INCH HIGH LETTERING.

"SHIPPING CONTAINER SYSTEM"
◀ SPACE FOR LIFTING HANDLE

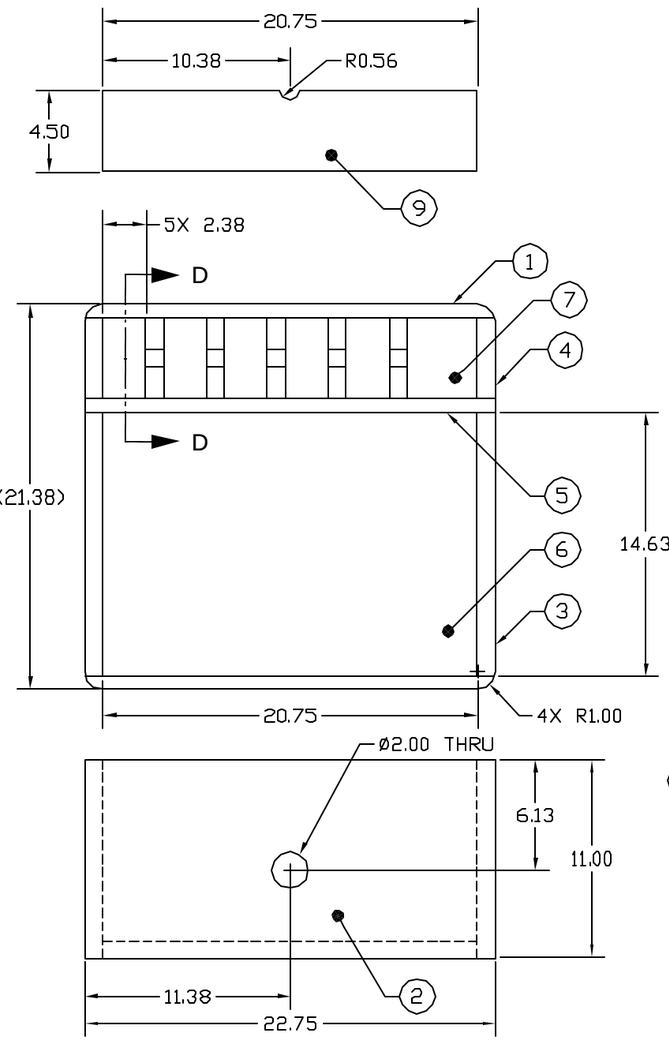
"SHIPPING AND STORAGE
OF THE AN/PEQ-1A AND THE
AN/PEQ-1B, LASER MARKER
NSN 8145-01-477-7845
NAVY P/N (53711) 6982852
PROPERTY OF U.S. GOVT."

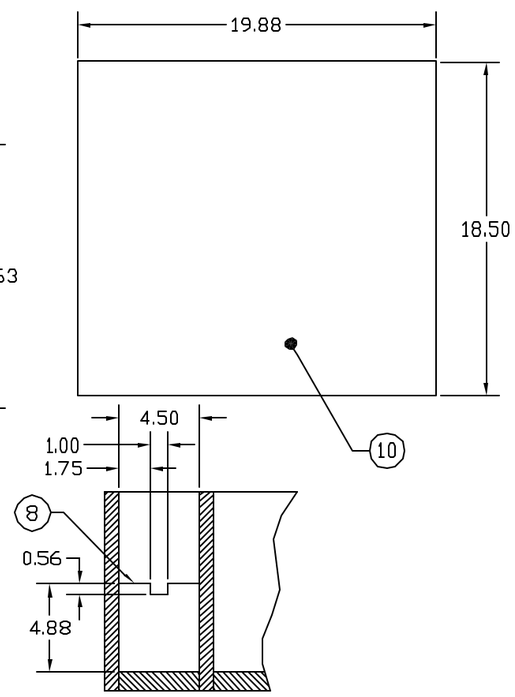
LETTERING SHALL BE LINE BROKE AS SHOWN. LINES OF TEXT SHALL BE CENTERED.

12. SUGGESTED SOURCES OF SUPPLY:

THERMODYNE INTERNATIONAL LTD.
1841 BUSINESS PARKWAY
ONTARIO, CA 91761

HARDIGG CASES DIVISION
HARDIGG INDUSTRIES, INC
147 NORTH MAIN STREET
P.O. BOX 201
SOUTH DEERFIELD, MA 01373-0201





SECTION D-D

ITEM	QTY	NOMENCLATURE/DESCRIPTION	REMARKS
10	1	LID CUSHION	1 INCH THICK
9	1	TOP COVER FOR SEGMENTED COMPARTMENT	0.50 INCH THICK
8	5	INTERNAL SEGMENT DIVIDER	1 INCH THICK
7	1	BOTTOM PANEL SEGMENTED COMPARTMENT	1 INCH THICK
6	1	BOTTOM PANEL LARGE COMPARTMENT	1 INCH THICK
5	1	COMPARTMENT DIVIDER	0.75 INCH THICK
4	2	SIDE PANEL SEGMENTED COMPARTMENT	1 INCH THICK
3	2	SIDE PANEL LARGE COMPARTMENT	1 INCH THICK
2	1	BACK PANEL	0.75 INCH THICK
1	1	FRONT PANEL	0.75 INCH THICK

DEPARTMENT OF THE NAVY NAVAL SEA SYSTEMS COMMAND ARLINGTON, VA 22242-5160	SIZE	CAGE CODE	DWG NO.	REV
	D	53711	7538169	–
DRAWN T.BISHOP 2003/11	SCALE 1/4		SHEET 2	OF 2
ISSUED				